

Council/Agency Meeting Held: _____	City Clerk's Signature
Deferred/Continued to: _____	
<input type="checkbox"/> Approved <input type="checkbox"/> Conditionally Approved <input type="checkbox"/> Denied	
Council Meeting Date: 6/16/2008	Department ID Number: PW 08-35

CITY OF HUNTINGTON BEACH REQUEST FOR CITY COUNCIL ACTION

SUBMITTED TO: HONORABLE MAYOR AND CITY COUNCIL MEMBERS

SUBMITTED BY: PAUL EMERY, INTERIM CITY ADMINISTRATOR

PREPARED BY: TRAVIS K. HOPKINS, PE, DIRECTOR OF PUBLIC WORKS

SUBJECT: Award In-Roadway Warning Lights Project - Bushard Street

Statement of Issue, Funding Source, Recommended Action, Alternative Action(s), Analysis, Environmental Status, Attachment(s)
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Statement of Issue: The In-Roadway Warning Lights Project on Bushard Street at Yellowstone Drive, CC 1329 was advertised and ten bids were received on May 13, 2008. City Council action to award the project to the lowest responsive and responsible bidder is needed to complete the project.

Funding Source: Funds in the amount of \$70,000 were budgeted for this project in the General Fund, Transportation Engineering, Professional Services, 10085301.6936.5. The estimated cost of the project is \$107,000, which includes the purchase of electrical equipment by the City. The amount of \$37,000 will be reallocated from the General Fund Transportation Management operating budget to cover the shortfall.

Recommended Action: Motion to:

1. Approve the project plans and specifications for the In-Roadway Warning Lights Project on Bushard Street at Yellowstone Drive, CC 1329;
2. Accept the lowest responsive and responsible bid submitted by California Professional Engineering, in the amount of \$42,052.00; and
3. Authorize the Mayor and City Clerk to execute a construction contract in a form approved by the City Attorney.

Alternative Action(s): Reject all bids and direct staff to readvertise or abandon the project.

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Analysis: On December 17, 2007, the City of Huntington Beach City Council appropriated funds, authorized expenditure and approved a project for a lighted in-road crosswalk pilot project at the intersection of Bushard Street and Yellowstone Drive. This project was designated as a pilot project to allow for follow-up evaluation of the effectiveness of the installation before proceeding with any new flashing crosswalk installations. At that time, \$70,000 was appropriated for the design and construction of the in-roadway warning lights.

The project includes the installation of a new marked crosswalk with in-roadway warning lights on Bushard Street at the intersection of Yellowstone Drive, the installation of bollards for the pedestrians to activate the lights, curb ramps, lighting, flashing beacons, and signing and striping improvements. A complete set of plans and specifications are available for review at the Public Works counter during normal working hours.

Bids were opened publicly on May 13, 2008, and are listed in ascending order:

	Bidder	Submitted Bid	Corrected Bid
1	California Professional Engineering	\$42,052.00	
2	Christopher R. Morales, Inc.	\$54,817.00	\$53,017.00
3	PTM General Engineering Services, Inc.	\$53,276.00	
4	Macadee Electrical	\$54,794.00	
5	Republic ITS	\$57,776.00	
6	Zuniga Electrical Construction	\$59,780.00	
7	Ramilan Electric, Inc.	\$66,696.00	
8	CSI Electrical Contractors, Inc.	\$69,861.20	
9	Steiney & Company, Inc.	\$81,483.00	\$81,482.20
10	Dynalectric	\$110,205.82	\$110,206.65

The estimated cost for this project is \$107,000 which includes the City purchase of all major equipment. The original appropriation for design and construction was \$70,000. This shortfall is attributed to the fact that in-roadway lighting is a relatively new technology and there are few comparable installations in the area with which to develop accurate cost estimates. The ability to reallocate \$37,000 from the General Fund Transportation Management budget is based on the savings in contract staff projected through the end of FY 2007/08.

The City typically purchases all major components of the electrical equipment directly. This practice ensures consistency of equipment among the traffic signals and street lighting maintained by the City. Direct purchase also provides the added benefit of reduced costs to the City due to elimination of contractor mark-ups, typically in excess of 20 percent on this type of equipment.

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The reference check for California Professional Engineering provided acceptable responses from past clients. All other elements of the bid were found to be in compliance with bidding requirements. Therefore, staff recommends that the City Council accept the bid from California Engineering & Contracting, Inc. as the lowest responsive and responsible bidder.

Public Works Commission Action: The Public Works Commission recommended the project on March 19, 2008, by a vote of 6-0-1 (Spencer absent).

Strategic Plan Goal:

(C-1) Improve transportation through a variety of means including improving traffic flow, synchronizing traffic signals, traffic calming, and alternative transportation methods such as bike and walking paths.

Environmental Status: This project is categorically exempt pursuant to the California Environmental Quality Act, Section 15303 (c).

Attachment(s):

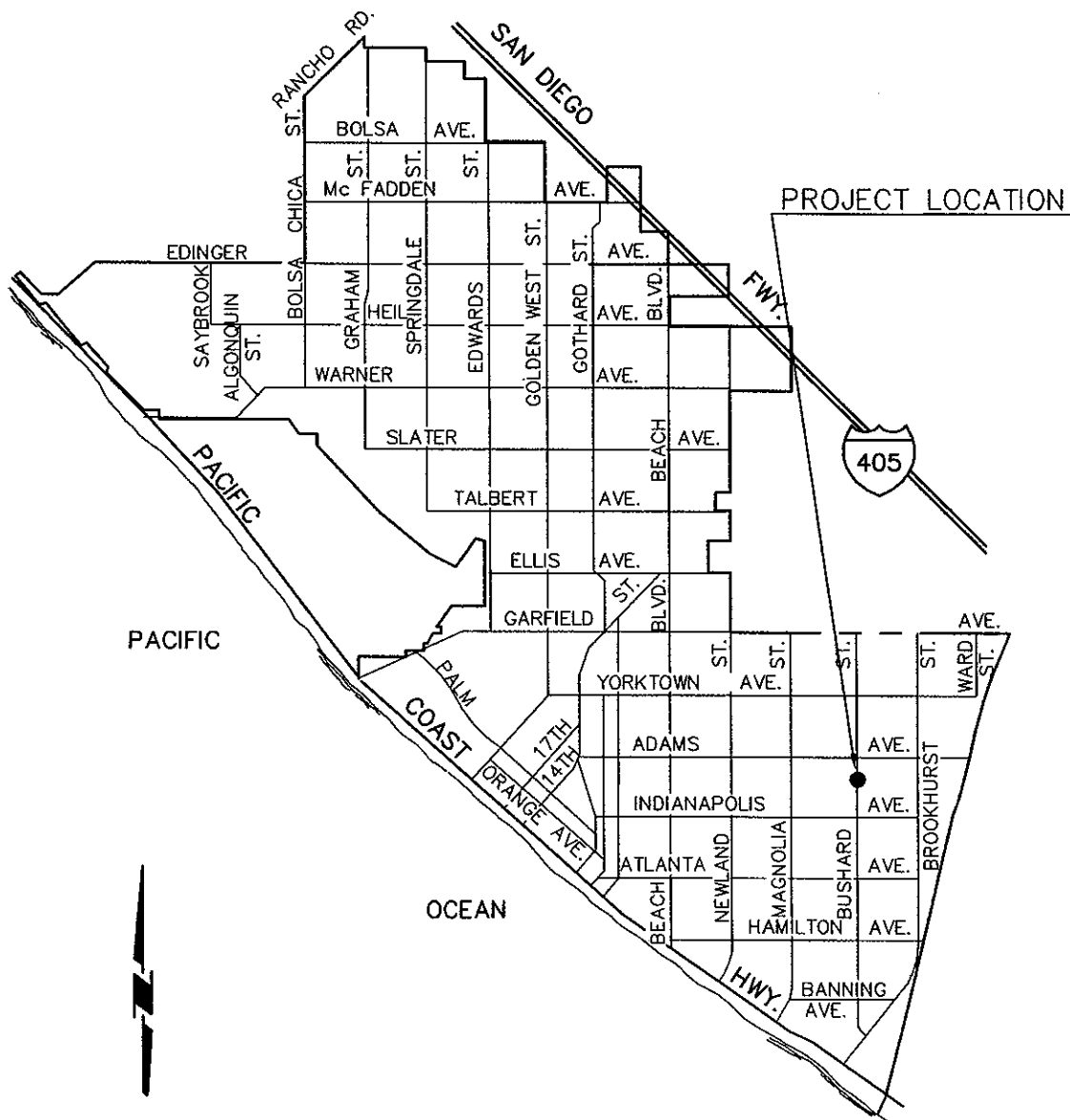
City Clerk's Page Number	No.	Description
4	1.	Project Location Map

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ATTACHMENT #1



E8.5

CITY OF HUNTINGTON BEACH * PUBLIC WORKS * TRAFFIC ENGINEERING



LOCATION MAP IN-ROAD LIGHTED CROSSWALK

ATTACHMENT

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